



Louisiana Capacity Development

**SFY 2009
Annual
Report**

Introduction

The 1996 amendments to the Safe Drinking Water Act (SDWA) added a new dimension to federal/state drinking water legislation called Capacity Development. Water system capacity is the ability to plan for, achieve, and maintain compliance with applicable drinking water standards. To achieve this goal, the Capacity Development Program is made up of three components: technical, managerial, and financial.

Louisiana, along with all other states began implementing a Capacity Development Program for new systems in January 1999 and for existing water systems in October 2000. As required by EPA, this report must be submitted to show the progress the Louisiana Department of Health and Hospitals (LDHH) has made toward improving the technical, managerial, and financial capacity of public water systems in the state from July 2008 to July 2009.

Drinking Water Revolving Loan Fund

The Capacity Development Program is a set-aside activity of the Louisiana Department of Health and Hospitals Drinking Water Revolving Loan Fund (DWRLF). The DWRLF is a program dedicated to providing low interest loans to upgrade public water system infrastructure. The program helps water systems with the greatest need based on a priority point system based on many factors. Over the past nine years, the Louisiana DWRLF has loaned over \$101,717,700 to fund thirty-seven construction projects across the state. In addition to Capacity Development, the DWRLF Program also funds the Operator Certification Program, the Public Water Supply Supervision Program,

and the small system technical assistance program.



New Systems

All new systems are required to submit engineering plans to the LDHH in order to obtain the permit necessary to construct proposed new water systems. Those plans are reviewed by an engineer in the Drinking

Water Revolving Loan Fund program. The Capacity Development Coordinator is notified upon receipt of the engineering plans and forwards a copy of our Business Plan for new systems to the appropriate parties for

completion. This business plan is designed to secure information from the applicant relative to technical, managerial and financial capacity. The technical questionnaire is reviewed by a member of the DWRLF engineering staff and the managerial and financial portions of the plan are reviewed by the Capacity Coordinator for the purposes of evaluation of the new system's capacity. Upon completion of all reviews, the responsible DWRLF staff members collaborate on the results of their individual reviews. Only when the proposed new system has satisfied capacity in all three areas of review, will the Capacity Coordinator provide the system with a permit letter allowing the new system to commence construction. In addition, all decision-making positions (i.e., board members, managers etc.) within the proposed new system are notified to attend the LDHH approved management training program offered at locations throughout the state at various times per year. Upon completion of construction, LDHH regional staff will work with the system to secure any samples required prior to allowing the system to begin operation and serve its customers. LDHH also secures a certification of significant completion from the engineer overseeing the design and construction of the system verifying that there were no significant deviations between actual construction and the plans as submitted.

During this reporting period, four new systems applied for permits to operate and construct. Of these, two were issued permits and two is still in the process of satisfying the requirements of the capacity development program.



Existing Systems

The Louisiana Capacity Development Program is selecting twenty existing systems per quarter from violations data to undergo Capacity Assessment. Once selected, a system undergoes a sanitary survey and is required to complete a business plan. The management training data base is reviewed to insure that all decision makers affiliated with a selected system have undergone training. Those persons not having completed the training are notified to attend a training session within six months of the date of notification. In the past fiscal year, a total of 109 attendees were added to the management training database. These attendees were trained by Technical

Assistance Providers approved by the state. Another part of the Capacity Assessment process, involves insuring the system is being operated by a certified operator. In this vain, LDHH conducted ten open operator training sessions during the fiscal year and tested applicants for certification at five different testing times and locations. In addition, the state is contracted with the Louisiana Rural Water Association and there were fifty closed operator training sessions conducted during the past fiscal year, as well as four Very Small Water System Training sessions.



Loan Systems

Any public water requesting financing thru the Louisiana Drinking Water Revolving Loan Fund Program is required to submit a business plan to the Capacity Development Program to ensure the proposed project has the technical, managerial, and financial capacity to improve the public water supply for the citizens of Louisiana.

During this reporting period, 11 systems submitted business plans and were approved by the Capacity Development staff. These systems include:

Town of Blanchard
City of Bogalusa
Calcasieu WWD #8
City of Morgan City
City of Thibodaux
City of Westlake
Colyell Community Water
Rapides Island Water
Savoy Swords Water
City of Natchitoches
Natchitoches WWD #2

Challenges to Implementing Louisiana's Capacity Development Strategy's

The main problem facing the Capacity Development Program in Louisiana is the issue of consolidation. Due to the over construction of many water systems throughout the state, local communities are unable to financially and technically support these water systems. Also, many of the systems that have been placed on the non-compliance list are small rural systems located in poor communities. With the help of the Louisiana Capacity Development

Program, these small systems have tried to eliminate the problems they have encountered but are unable to meet the financial burden placed upon them by new EPA regulations. To ensure safe and affordable drinking water for the citizens of Louisiana, the LDHH will continue to encourage the merging of these systems to share cost and insure compliance with the Safe Drinking Water Act.



Status of Louisiana's Capacity Development Strategy

The Louisiana Capacity Development Program has enhanced the existing system capacity selection process via the introduction of our Simplified Business plan, which solicits information relative to the technical, managerial, and financial capacity of the systems selected. In addition, the business plans and assessments are now being delivered to selected systems by DWRLF engineers and sanitarians that are trained to assist these systems in completion of the requested information. LDHH is also utilizing its quarterly publication, The Water Funnel, to inform the target population of the benefits of going through the Capacity Development program. These approaches seem to be working, because it has become commonplace for water systems to request a Capacity Development Review. The Capacity Development Program thru its management

training program presents all new regulations and their interpretation to systems throughout the state. The LDHH measures the effectiveness of its Capacity Development Program by monitoring the number and nature of violations being detected on systems that have undergone capacity review. In addition, we expect to see some reduction in violations due to the increased promulgation of information on new regulations due to the operation of this program. In the future, the Louisiana Capacity Development Program will continue to build partnerships between the state and local water systems through the three components of technical, managerial, and financial capacity to ensure safe drinking water for every citizen of the state of Louisiana.

